

Comparisons of Job Characteristics

Focus Occupation: Epidemiologists (19-1041)

Associated Occupation: Emergency Management Specialists (13-1061)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 31

Focus Occupation: Epidemiologists (19-1041)

Associated Occupation: Emergency Management Specialists (13-1061)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Public Safety and Security	6.9	20.5	7.2	<<	Extensive education and/or training may be required
Education and Training	9.2	16.9	14.0	<	Expanded education and/or training may be required
Law and Government	5.9	16.6	8.4	<<	Extensive education and/or training may be required
Administration and Management	8.4	16.3	10.6	<<	Extensive education and/or training may be required
Communications and Media	5.3	12.0	9.2	<<	Extensive education and/or training may be required
Geography	3.9	11.6	8.8	<<	Extensive education and/or training may be required
Personnel and Human Resources	5.6	11.6	7.7	<<	Extensive education and/or training may be required
Transportation	4.6	11.4	2.6	<<	Extensive education and/or training may be required
Telecommunications	3.9	10.9	3.3	<<	Extensive education and/or training may be required
Sociology and Anthropology	4.1	9.3	11.6	>	Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 65

Focus Occupation: Epidemiologists (19-1041)

Associated Occupation: Emergency Management Specialists (13-1061)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
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Service Orientation	7.9	16.8	9.2	<<	Extensive development of skills in this area may be required
Complex Problem Solving	9.1	16.3	13.9	<	A higher skill level may be required
Coordination	9.1	15.1	11.8	<<	Extensive development of skills in this area may be required
Monitoring	9.9	13.6	13.3	0	Current skill level may be sufficient
Judgment and Decision Making	9.4	13.5	13.9	0	Current skill level may be sufficient
Systems Analysis	6.5	12.6	11.8	0	Current skill level may be sufficient
Persuasion	7.4	11.6	8.8	<<	Extensive development of skills in this area may be required
Systems Evaluation	6.4	11.5	11.5	0	Current skill level may be sufficient
Negotiation	6.8	10.8	8.3	<<	Extensive development of skills in this area may be required
Management of Material Resources	3.7	8.1	4.5	<<	Extensive development of skills in this area may be required
Management of Financial Resources	3.3	7.1	4.5	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 95			
Focus Occupation: Epidemiologists (19-1041)					
Associated Occupation: Emergency Management Specialists (13-1061)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Deductive Reasoning	10.6	14.5	14.6	0	Current ability level may be sufficient
Problem Sensitivity	11.1	14.5	16.2	>	Current ability level is likely sufficient
Speech Clarity	10.2	14.2	11.6	<	Some improvement in abilities may be required
Written Expression	9.8	14.2	15.0	0	Current ability level may be sufficient
Speech Recognition	9.9	13.6	11.2	<	Some improvement in abilities may be required
Fluency of Ideas	7.6	13.0	11.8	<	Some improvement in abilities may be required
Information Ordering	9.9	12.8	11.6	<	Some improvement in abilities may be required
Originality	7.6	12.8	10.8	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: 54
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Focus Occupation: Epidemiologists (19-1041)
Associated Occupation: Emergency Management Specialists (13-1061)

Work Activities	Exclusivity of Activity
Conduct training for personnel	30
Develop policies, procedures, methods, or standards	21
Direct and coordinate activities of workers or staff	3
Oversee execution of organizational or program policies	49
Use hazardous materials information	35

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 85

Focus Occupation: Epidemiologists (19-1041)
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Tools and Technologies	Exclusivity
Computers	1
Content authoring and editing software	1
Data management and query software	1
Industry specific software	1
Information exchange software	1
Network applications software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.